





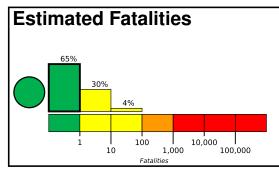
PAGER

Version 2

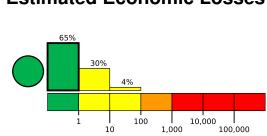
M 5.4, 76 km N of Namuac, Philippines

Origin Time: 2023-08-01 08:03:21 UTC (Tue 16:03:21 local) Location: 19.3035° N 121.2047° E Depth: 40.2 km

Created: 2 hours, 4 minutes after earthquake



Green alert for shaking-related fatalities Estimated Economic Losses and economic losses. There is a low likelihood of casualties and damage.



Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	2,796k	16k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

uguegarao City 50

120.2°E

Population Exposure

population per 1 sq. km from Landscan 1000 5000

Itbayat Basco 19.8°N 18.6°N Magapit, Aguiguican

121.5°E

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unknown/miscellaneous types and heavy wood frame construction.

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1977-03-18	305	7.2	VII(520k)	1
2006-12-26	283	7.0	VIII(26k)	2
1990-07-16	398	7.7	IX(893k)	2k

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org MMI City Population Ш Claveria 11k Ш Namuac 3k Ш Abulua 2k Ш Banqui 2k Ш Pamplona 2k Ш Pagudpud 5k Ш Laoag 102k Ш **Batac City** 54k Ш Solana 71k Ш Tuguegarao 115k Ш Vigan 49k

bold cities appear on map.

(k = x1000)

^{*}Estimated exposure only includes population within the map area.